

TRYPTASE SUBSTRATES AND ASSAY FOR TRYPTASE ACTIVITY USING SAME

ABSTRACT OF THE DISCLOSURE

The invention is directed to synthetic polypeptide substrates for tryptase enzymes and assays for tryptase activity that utilize the synthetic polypeptide substrates. The preferred synthetic polypeptide substrates are tetramers of the formula P4-P3-P2-P1, wherein the substrate is selected from the group consisting of P-R-N-K (SEQ. ID. NO: 2), P-K-N-K (SEQ. ID. NO: 3), P-R-N-R (SEQ. ID. NO: 4), P-K-N-R (SEQ. ID. NO: 5), P-A-N-K (SEQ. ID. NO: 6), and P-R-T-K (SEQ. ID. NO: 7).